

11-07-08

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EL841130364US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. 10/586,072

Applicant: BROUGH, Douglas E.

Filed: September 1, 2006

TC/AU:

Examiner:

Docket No.: 253625

Customer No.: 23460

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**RESPONSE TO NOTIFICATION TO COMPLY WITH REQUIREMENTS
FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE AND/OR
AMINO ACID SEQUENCE DISCLOSURES**

Dear Sir:

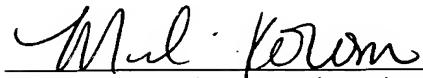
Applicants gratefully acknowledge the Notification to Comply with Requirements for Patent Applications Containing Nucleotide and/or Amino Acid Sequence Disclosures mailed on October 23, 2006, a copy of which is enclosed herewith.

A substitute computer-readable sequence listing is submitted herewith.

Because of a clerical error, the computer-readable sequence listing submitted with the patent application on July 14, 2006, contained the incorrect sequence listing (a sequence listing belonging to a different patent application) and did not match the paper copy of the sequence listing submitted with the patent application on July 14, 2006.

The undersigned verifies that the content of the substitute computer-readable sequence listing enclosed herewith is identical to the paper copy of the sequence listing filed with the patent application on July 14, 2006, and that accordingly the substitute computer-readable copy of the sequence listing enclosed herewith discloses no new matter.

Respectfully submitted,



Melissa E. Kolom, Registration No. 51,860
LEYDIG, VOIT & MAYER, LTD.
Two Prudential Plaza, Suite 4900
180 North Stetson Avenue
Chicago, Illinois 60601-6780
(312) 616-5600 (telephone)
(312) 616-5700 (facsimile)

Date: November 6, 2006

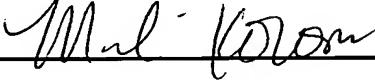
MAILING/TRANSMISSION CERTIFICATE UNDER 37 CFR 1.8 OR 1.10

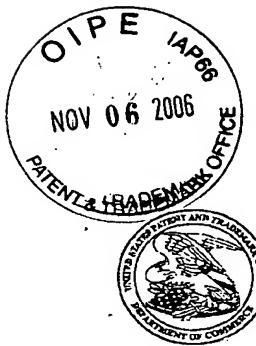
I hereby certify that this document and all accompanying documents are, on the date indicated below, being

deposited with the United States Postal Service "Express Mail Post Office To Addressee" Service under 37 CFR 1.10 in an envelope addressed in the same manner indicated on this document with Express Mail Label Number **EL841130364US**,

deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed in the same manner indicated on this document, or

facsimile transmitted to the U.S. Patent and Trademark Office at fax number: (571) 273-8300.

| | | | |
|-------------------|---|------|------------------|
| Name (Print/Type) | Melissa E. Kolom 51,860 | | |
| Signature |  | Date | November 6, 2006 |



To: *MEK*

cc: *Ben Jel*

LVM 253625,

UNITED STATES DEPARTMENT OF COMMERCE
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| U.S. APPLICATION NUMBER NO. | FIRST NAMED APPLICANT | ATTY. DOCKET NO. |
|-----------------------------|-----------------------|------------------|
| 10/586,072 | Douglas E Brough | 253625 |

23460
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JC

OCT 30 2006

12/29/06

PAT/TM Due Date

4/23/07 - Final

Date Mailed: 10/23/2006

| | |
|-------------------------------|---------------|
| INTERNATIONAL APPLICATION NO. | |
| PCT/US04/04891 | |
| LA. FILING DATE | PRIORITY DATE |
| 02/19/2004 | 02/24/2003 |

CONFIRMATION NO. 7914
371 FORMALITIES LETTER



OC000000020921735

MPM

NOTIFICATION TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Applicant is given **TWO MONTHS FROM THE DATE OF THIS NOTICE** within which to file the items indicated below to avoid abandonment. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

- The paper or compact disc copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 CFR 1.821(e). Applicant must provide a substitute paper or compact disc copy of the "Sequence Listing", as well as an amendment specifically directing its entry into the application OR a substitute computer readable form (CRF) copy of the "Sequence Listing". These two items must be the same. Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000).

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (571) 272-0951
- For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patentin Software Program Help @ ebc@uspto.gov

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice **MUST** be returned with the response.

ANITA D JOHNSON

Telephone: (703) 308-9140 EXT 226

PART 1 - ATTORNEY/APPLICANT COPY

| U.S. APPLICATION NUMBER NO. | INTERNATIONAL APPLICATION NO. | ATTY. DOCKET NO. |
|-----------------------------|-------------------------------|------------------|
| 10/586,072 | PCT/US04/04891 | 253625 |

FORM PCT/DO/EO/922 (371 Formalities Notice)